



**CALIFORNIA DEPARTMENT OF CONSERVATION
CALIFORNIA GEOLOGICAL SURVEY
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**Landslide Inventory Maps of the Azusa, Burbank, Glendora, Mt. Wilson, Pasadena 7.5-Minute
Quadrangles, Los Angeles County, California
by J.A Treiman and C.J. Wills**

These maps present an inventory of existing landslides originally prepared as essential data layers for the delineation of earthquake-induced landslide hazard zones as mandated by the Seismic Hazards Mapping Act. These five landslide inventory maps are a continuation of the Landslide Inventory Map Series in southern California. These maps cover portions of the cities of Monrovia, Duarte, Irwindale, Universal City, Arcadia, Glendale, Burbank, San Dimas, La Verne, Pasadena, Sierra Madre, Glendora and unincorporated Los Angeles County.

The inventory maps were prepared primarily by geomorphic analysis of stereo aerial photographs, and secondarily by field reconnaissance, interpretation of topographic map contours and review of previous mapping. Landslides identified by these methods were digitally compiled on a Geographic Information System (GIS) at a scale of 1:24,000 on a U.S. Geological Survey topographic base map. These inventory maps also show several significant characteristics of each mapped landslide. These are the type of landsliding and the type of material that moved, the direction of landslide movement, the "activity" or relative recency of movement, and the "confidence" that the geomorphic features observed are the result of landsliding and not some other geologic phenomenon. These landslide inventory maps are intended to provide users with basic information regarding past occurrences of landslides within the mapped area. The geologic, terrain and climatic conditions that led to past landsliding can provide insights to the locations of future slope failures and it is anticipated that these maps will provide useful information to planners, property owners, developers and geotechnical consultants.

Price.....\$12.00/map
Shipping and handling.....\$ 6.00

(Check, money order or credit card number must be included with order)

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